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DOCKET NO.: B0801.70195US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Diego H. Castrillon
Serial No.: 09/714,865
Confirmation No.: 4880
Filed: November 16, 2000
For: COMPOSITIONS AND METHODS FOR THE IMPROVED
DIAGNOSIS AND TREATMENT OF GERM CELL TUMORS
Examiner: Karen A. Canella
Art Unit: 1642

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP Certificate of Correction, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 13th day of April, 2005.


Melissa L. Barlow Lyons

MAIL STOP Certificate of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE
OF CORRECTION UNDER 37 C.F.R. §1.322

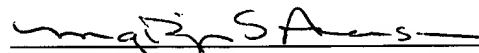
Sir/Madam:

Patentees respectfully request the correction of an error found in the printing of the above-captioned patent. The correction made to claim 2 rectifies the typographical error made by the Patent Office.

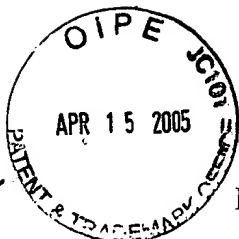
Patentees point out that the correction requested does not involve a change in the patent that constitutes new matter or would require reexamination, and therefore, respectfully request that a certificate of correction be issued. Patentee encloses a copy of the patent page with the error highlighted. Since the errors were made by the Patent Office, it is respectfully submitted that no fee is due. However, if the examiner deems a fee necessary, the fee may be charged to the account of the undersigned, Deposit Account No. 23/2825. Should any questions arise concerning the foregoing, please contact the undersigned at the telephone number listed below.

Respectfully submitted,
Diego H. Castrillon, Applicant

By:


MaryDilys S. Anderson, Ph.D., Reg. No.: 52,560
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Telephone: (617) 646-8000

Docket No.: B0801.70195US00
Date: April 13, 2005
xNDDx



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Sir:

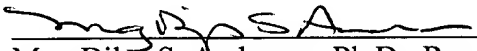
Transmitted herewith are the following documents:

- **Request for Certificate of Correction Under 37 C.F.R. § 1.322**
- **Certificate of Correction - Form PTO-1050**
- **Copy of pertinent page from U.S. Patent No. US 6,875,854 B1**
- **Return Receipt Postcard**

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Diego H. Castrillon, Applicant

By: 
MaryDilys S. Anderson, Ph.D., Reg. No.: 52,560
Wolf, Greenfield & Sacks, P.C.
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Boston, Massachusetts 02210-2206
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,875,854 B1
DATE : April 5, 2005
INVENTORS : Diego H. Castrillon

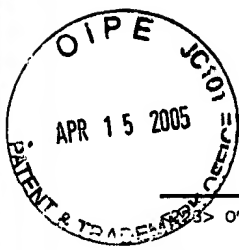
It is certified that the error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 2, line 3 should read as shown below.
--sequence set forth as SEQ ID NO: 1.--

MAILING ADDRESS OF SENDER:

MaryDilys S. Anderson
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211

PATENT NO. US 6,875,854 B1



-continued

> OTHER INFORMATION: n is a, c, g, or t

<400> SEQUENCE: 46

ttttgcaaat acttggtgtt agatgaagct gatcggatgt tggatatggg gtttgagcct 60
cagattcgta gaatagtcga acaagatact atgcctccaa aggggtgccg ccacactatg 120
atgttttagt ctacttttcc taaggaaata cagatgctgg ctctgtgattt cttaggatga 180
atatatcttc ttgggctgta gggaaggagt tgggctctac ctctggaaaa catcacacag 240
gaaagtagtt ggggtgggaa ggantcagga caaacgggtc atttctggct tgaccctccc 300
taaatggcaa caggggcaag ggatttcact tgacnttag gtgttttggg ggggagacc 360
caaaaggggg tgccaggntt c 381

<210> SEQ ID NO 47

<211> LENGTH: 361

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 47

ttttgcaaat acttggtgtt agatgaagct gatcggatgt tggatatggg gtttgagcct 60
cagattcgta gaatagtcga acaagatact atgcctccaa aggggtgccg ccacactatg 120
atgttttagt ctacttttcc taaggaaata cagatgctgg ctctgtgattt cttagatgaa 180
tatactcttc ttgggctgtg ggaagagttg gctctacctc tgaaaacatc acacagaaag 240
tagttggggt gggaaggagt cagacaaacg gtcatttctg gcttggacct cctaaatggc 300
aacagggcaa ggggttcactt gaccttagtg ttttgttggg agacccaaaa aggggtgcca 360
g 361

We claim:

1. An isolated nucleic acid molecule selected from the group consisting of:

(a) nucleic acid molecules which hybridize under stringent conditions to a molecule consisting of a nucleotide sequence set forth as SEQ ID NO:1 and which code for a human vasa polypeptide, wherein the stringent conditions are: (1) hybridization at 65° C. in hybridization buffer (3.5×SSC, 0.02% Ficoll, 0.02% polyvinyl pyrrolidone, 0.02% Bovine Serum Albumin, 2.5 mM NaH₂PO₄(pH7), 0.5% SDS, 2 mM EDTA), wherein SSC is 0.15 M sodium chloride/0.015 M sodium citrate, pH7; SDS is sodium dodecyl sulphate; and EDTA is ethylenediaminetetracetic acid, and (2) washing in 2×SSC at room temperature and washing in 0.1×SSC/0.1 SDS at 68° C.,

(b) nucleic acid molecules that differ from the nucleic acid molecules of (a) in codon sequence due to the degeneracy of the genetic code, or

(c) full-length complements of (a) or (b).

2. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule comprises the nucleotide sequence set forth as SEQ NO: 1.

3. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule consists of the nucleotide sequence set forth as SEQ ID NO:15.

4. A kit comprising a package containing an isolated nucleic acid molecule of claim 1.

* * * * *